

LArSoft minutes, 1-June-2011. -- Eric Church

LArSoft minutes appear at <https://cdcvs.fnal.gov/redmine/projects/activity/larsoftsvn>. (The location presumably at which you found these!) For further details of matters reported here drill down into the wiki, etc, at that redmine site. Everyone is welcome to attend the bi-weekly meetings. Next meeting will be 15-June-2011. It will be in the Racetrack, 7X0.

There are no pdfs on the documents link of the redmine site for today. It was a brief 15m meeting (!) so as people could get to the Users Group mtgs.

System Administrivia: Brian reports that we've cut over to ART v0.07.04 as of today. This should be transparent to the lay-user. This introduces a `preBeginRun()` method for Services to pull the, e.g., geometry info prior to the `beginJob()` methods we currently use. The self-led set of LArSoft exercises for the newcomer that Eric has promised is still pending. Watch this space.

Brian points out that the 3D Evt Display is working! See <https://cdcvs.fnal.gov/redmine/projects/larsoftsvn/wiki/EventDisplay>. Mitch says it looks nice.

Brian also points out that the new MCCheater is in the code base and works well to help a user backtrack from a hit to the responsible MC primary that produced the e-s that led to its existence. Note that the above EventDisplay link in fact shows a pi0 which uses MCCheater to (in its cheater way) identify the two em clusters from the conversion. Pretty cool.

Eric reports that Brian P, to some degree in a response to Bruce Baller's observations of close-but-not-perfect agreement, has now introduced new Electronics response functions for ArgoNeuT that lead to wonderful deconvoluted signals that match wonderfully. We'll try to get Brian P to report soon.

Eric stated that his concern expressed at last week's TrackStacking/EventBiasing presentation over the lbne-bulky geometry not being 20ktonne, were in fact unfounded. The LAr volume is indeed 20ktonne.

See ya at the next LArSoft mtg in the Racetrack, 7th floor on 6/15, Wed, 9am CST.

Details for the next meeting:

>>> video: 85LARSW

>>> phone: 510 883 7860 (ID 85LARSW)

>>> fnal location: Racetrack, 7th floor x-over